

Attorney Docket No. 5573-124

PATENT

AK/1614
2nd

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Whittle et al.
Serial No.: 09/648,490
Filed: August 25, 2000
For: *FT-Raman Spectroscopic Measurement*

Confirmation No.: 5616
Group Art Unit: 1614
Examiner: Kwon

Date: December 21, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.97(c)**

Sir:

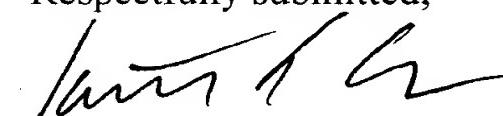
Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action. The Commissioner is authorized to charge the \$180.00 fee specified in 37 C.F.R. § 1.17(p) to Deposit Account No. 50-0220. This amount is believed to be correct. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

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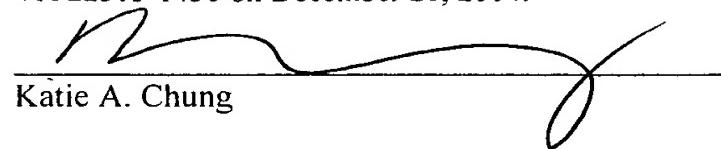
Respectfully submitted,


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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 21, 2004.


Katie A. Chung

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet D1

A circular black ink stamp. The outer ring contains the text "U.S. PATENT & TRADEMARK OFFICE" at the bottom and "DEC 27 2004" at the top. The center of the stamp contains "OIPE SC15A".

| Complete if Known | |
|------------------------|-----------------|
| Application Number | 09/648,490 |
| Filing Date | August 25, 2000 |
| First Named Inventor | Whittle et al. |
| Group Art Unit | 1614 |
| Examiner Name | Kwon |
| Attorney Docket Number | 5573-124 |

U.S. PATENTS AND PATENT PUBLICATIONS

FOREIGN PATENT DOCUMENTS

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Signature _____ **Date Considered** _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.